RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10540,843

Source: IRWP

Date Processed by STIC: 7/24/06

ENTERED

IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/540,843

DATE: 07/24/2006
TIME: 11:24:26

Input Set : **A:\2600541_1.TXT**
Output Set: **N:\CRF4\07242006\J540843.raw**

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 4 <110> APPLICANT: Mariscal-Gonzalez, Lorenza
 5       Nava-Dominguez, Porfiro
 7 <120> TITLE OF INVENTION: EMPLOYMENT OF ROTAVIRUS PROTEINS,
 8       DERIVED PROTEINS AND PEPTIDES FOR THE MODULATION OF TISSUE
 9       PERMEABILITY
11 <130> FILE REFERENCE: UHT1.001APC
13 <140> CURRENT APPLICATION NUMBER: US 10/540,843
14 <141> CURRENT FILING DATE: 2005-06-27
16 <150> PRIOR APPLICATION NUMBER: PCT/IB03/00280
17 <151> PRIOR FILING DATE: 2003-01-10
19 <160> NUMBER OF SEQ ID NOS: 7
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 776
25 <212> TYPE: PRT
26 <213> ORGANISM: Rhesus Monkey Rotavirus
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31 Asp Leu Ser Asp Glu Ile Gln Glu Ile Gly Ser Thr Lys Thr Gln Asn
32              20                  25                  30
33 Val Thr Ile Asn Leu Gly Pro Phe Ala Gln Thr Gly Tyr Ala Pro Val
34          35                  40                  45
35 Asn Trp Gly Pro Gly Glu Thr Asn Asp Ser Thr Thr Val Glu Pro Val
36      50                  55                  60
37 Leu Asp Gly Pro Tyr Gln Pro Thr Ser Phe Asn Pro Pro Val Asp Tyr
38 65                  70                  75                  80
39 Trp Met Leu Leu Ala Pro Thr Ala Ala Gly Val Val Val Glu Gly Thr
40                  85                  90                  95
41 Asn Asn Thr Asp Arg Trp Leu Ala Thr Ile Leu Val Glu Pro Asn Val
42              100                 105                 110
43 Thr Ser Glu Thr Arg Ser Tyr Thr Leu Phe Gly Thr Gln Glu Gln Ile
44              115                 120                 125
45 Thr Ile Ala Tyr Ala Ser Gln Thr Gln Trp Lys Phe Ile Asp Val Val
46      130                 135                 140
47 Lys Thr Thr Gln Asn Gly Ser Tyr Ser Gln Tyr Gly Pro Leu Gln Ser
48 145                 150                 155                 160
49 Thr Pro Lys Leu Tyr Ala Val Met Lys His Asn Gly Lys Ile Tyr Thr
50                  165                 170                 175
51 Tyr Asn Gly Glu Thr Pro Asn Val Thr Thr Lys Tyr Tyr Ser Thr Thr
52                  180                 185                 190
53 Asn Tyr Asp Ser Val Asn Met Thr Ala Phe Cys Asp Phe Tyr Ile Ile
54                  195                 200                 205
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 55 Pro Arg Glu Glu Glu Ser Thr Cys Thr Glu Tyr Ile Asn Asn Gly Leu
 56     210               215                   220
 57 Pro Pro Ile Gln Asn Thr Arg Asn Ile Val Pro Leu Ala Leu Ser Ala
 58 225                   230                   235                   240
 59 Arg Asn Ile Ile Ser His Arg Ala Gln Ala Asn Glu Asp Ile Val Val
 60                     245                   250                   255
 61 Ser Lys Thr Ser Leu Trp Lys Glu Met Gln Tyr Asn Arg Asp Ile Thr
 62             260               265                   270
 63 Ile Arg Phe Lys Phe Ala Ser Ser Ile Val Lys Ser Gly Gly Leu Gly
 64         275               280                   285
 65 Tyr Lys Trp Ser Glu Ile Ser Phe Lys Pro Ala Asn Tyr Gln Tyr Thr
 66     290               295                   300
 67 Tyr Thr Arg Asp Gly Glu Asp Val Thr Ala His Thr Thr Cys Ser Val
 68 305               310                   315                   320
 69 Asn Gly Met Asn Asp Phe Asn Phe Asn Gly Gly Ser Leu Pro Thr Asp
 70                 325                   330                   335
 71 Phe Ile Ile Ser Arg Tyr Glu Val Ile Lys Glu Asn Ser Tyr Val Tyr
 72             340                   345                   350
 73 Val Asp Tyr Trp Asp Asp Ser Gln Ala Phe Arg Asn Met Val Tyr Val
 74     355                   360                   365
 75 Arg Ser Leu Ala Ala Asn Leu Asn Ser Val Ile Cys Thr Gly Gly Asp
 76     370                   375                   380
 77 Tyr Ser Phe Ala Leu Pro Val Gly Gln Trp Pro Val Met Thr Gly Gly
 78 385               390                   395                   400
 79 Ala Val Ser Leu His Ser Ala Gly Val Thr Leu Ser Thr Gln Phe Thr
 80                 405                   410                   415
 81 Asp Phe Val Ser Phe Asn Ser Leu Arg Phe Arg Phe Arg Leu Thr Val
 82             420                   425                   430
 83 Glu Glu Pro Ser Phe Ser Ile Thr Arg Thr Arg Val Gly Gly Leu Tyr
 84         435                   440                   445
 85 Gly Leu Pro Ala Ala Tyr Pro Asn Asn Gly Lys Glu Tyr Tyr Glu Val
 86     450               455                   460
 87 Ala Gly Arg Leu Ser Leu Ile Ser Leu Val Pro Ser Asn Asp Asp Tyr
 88 465               470                   475                   480
 89 Gln Thr Pro Ile Thr Asn Ser Val Thr Val Arg Gln Asp Leu Glu Arg
 90                 485                   490                   495
 91 Gln Leu Gly Glu Leu Arg Glu Glu Phe Asn Ala Leu Ser Gln Glu Ile
 92             500               505                   510
 93 Ala Met Ser Gln Leu Ile Tyr Leu Ala Leu Leu Pro Leu Asp Met Phe
 94     515               520                   525
 95 Ser Met Phe Ser Gly Ile Lys Ser Thr Ile Asp Ala Ala Lys Ser Met
 96     530               535                   540
 97 Ala Thr Ser Val Met Lys Lys Phe Lys Lys Ser Gly Leu Ala Asn Ser
 98 545               550                   555                   560
 99 Val Ser Thr Leu Thr Asp Ser Leu Ser Asp Ala Ala Ser Ser Ile Ser
100                 565                   570                   575
101 Arg Gly Ala Ser Ile Arg Ser Val Gly Ser Ser Ala Ser Ala Trp Thr
102             580               585                   590
103 Asp Val Ser Thr Gln Ile Thr Asp Val Ser Ser Ser Val Ser Ser Ile
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104         595              600              605
105 Ser Thr Gln Thr Ser Thr Ile Ser Arg Arg Leu Arg Leu Lys Glu Met
106    610              615              620
107 Ala Thr Gln Thr Glu Gly Met Asn Phe Asp Asp Ile Ser Ala Ala Val
108 625              630              635              640
109 Leu Lys Thr Lys Ile Asp Arg Ser Thr Gln Ile Ser Pro Asn Thr Leu
110              645              650              655
111 Pro Asp Ile Val Thr Glu Ala Ser Glu Lys Phe Ile Pro Asn Arg Ala
112              660              665              670
113 Tyr Arg Val Ile Asn Asn Asp Glu Val Phe Glu Ala Gly Thr Asp Gly
114         675              680              685
115 Arg Tyr Phe Ala Tyr Arg Val Glu Thr Phe Asp Glu Ile Pro Phe Asp
116         690              695              700
117 Val Gln Lys Phe Ala Asp Leu Val Thr Asp Ser Pro Val Ile Ser Ala
118 705              710              715              720
119 Ile Ile Asp Phe Lys Thr Leu Lys Asn Leu Asn Asp Asn Tyr Gly Ile
120              725              730              735
121 Ser Arg Gln Gln Ala Phe Asn Leu Leu Arg Ser Asp Pro Arg Val Leu
122              740              745              750
123 Arg Glu Phe Ile Asn Gln Asp Asn Pro Ile Ile Arg Asn Arg Ile Glu
124         755              760              765
125 Gln Leu Ile Met Gln Cys Arg Leu
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130 <211> LENGTH: 231
131 <212> TYPE: PRT
132 <213> ORGANISM: Rhesus Monkey Rotavirus
134 <400> SEQUENCE: 2
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136  1            5              10              15
137 Asp Leu Ser Asp Glu Ile Gln Glu Ile Gly Ser Thr Lys Thr Gln Asn
138              20              25              30
139 Val Thr Ile Asn Leu Gly Pro Phe Ala Gln Thr Gly Tyr Ala Pro Val
140         35              40              45
141 Asn Trp Gly Pro Gly Glu Thr Asn Asp Ser Thr Thr Val Glu Pro Val
142    50              55              60
143 Leu Asp Gly Pro Tyr Gln Pro Thr Ser Phe Asn Pro Pro Val Asp Tyr
144 65              70              75              80
145 Trp Met Leu Leu Ala Pro Thr Ala Ala Gly Val Val Val Glu Gly Thr
146              85              90              95
147 Asn Asn Thr Asp Arg Trp Leu Ala Thr Ile Leu Val Glu Pro Asn Val
148              100              105              110
149 Thr Ser Glu Thr Arg Ser Tyr Thr Leu Phe Gly Thr Gln Glu Gln Ile
150         115              120              125
151 Thr Ile Ala Tyr Ala Ser Gln Thr Gln Trp Lys Phe Ile Asp Val Val
152    130              135              140
153 Lys Thr Thr Gln Asn Gly Ser Tyr Ser Gln Tyr Gly Pro Leu Gln Ser
154 145              150              155              160
155 Thr Pro Lys Leu Tyr Ala Val Met Lys His Asn Gly Lys Ile Tyr Thr
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156                  165              170              175
157 Tyr Asn Gly Glu Thr Pro Asn Val Thr Thr Lys Tyr Tyr Ser Thr Thr
158                  180              185              190
159 Asn Tyr Asp Ser Val Asn Met Thr Ala Phe Cys Asp Phe Tyr Ile Ile
160             195              200              205
161 Pro Arg Glu Glu Glu Ser Thr Cys Thr Glu Tyr Ile Asn Asn Gly Leu
162     210              215              220
163 Pro Pro Ile Gln Asn Thr Arg
164 225                  230
167 <210> SEQ ID NO: 3
168 <211> LENGTH: 42
169 <212> TYPE: PRT
170 <213> ORGANISM: Rhesus Monkey Rotavirus
172 <400> SEQUENCE: 3
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174 1               5                10               15
175 Pro Leu Gln Ser Thr Pro Lys Leu Tyr Ala Val Met Lys His Asn Gly
176             20               25               30
177 Lys Ile Tyr Thr Tyr Asn Gly Glu Thr Pro
178         35               40
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182 <211> LENGTH: 4
183 <212> TYPE: PRT
184 <213> ORGANISM: Rhesus Monkey Rotavirus
186 <400> SEQUENCE: 4
187 Val Val Lys Thr
188 1
191 <210> SEQ ID NO: 5
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193 <212> TYPE: PRT
194 <213> ORGANISM: Rhesus Monkey Rotavirus
196 <400> SEQUENCE: 5
197 Ser Tyr Ser Gln Tyr Gly Pro Leu
198 1               5
201 <210> SEQ ID NO: 6
202 <211> LENGTH: 4
203 <212> TYPE: PRT
204 <213> ORGANISM: Rhesus Monkey Rotavirus
206 <400> SEQUENCE: 6
207 Ile Tyr Thr Tyr
208 1
211 <210> SEQ ID NO: 7
212 <211> LENGTH: 4
213 <212> TYPE: PRT
214 <213> ORGANISM: Rhesus Monkey Rotavirus
216 <400> SEQUENCE: 7
217 Asn Val Thr Thr
218 1
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/540,843**

DATE: 07/24/2006
TIME: 11:24:27

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